

ABSTRACT OF THE DISCLOSURE

An aerosol deflection system having a concentration zone expelling an air stream through a first detection zone, a second detection zone, and a deflection zone. The first detection zone activates the second detection zone based upon detection of a suspect aerosol of a pre-selected size. The second detection zone activates the deflection zone when the suspect aerosol of the pre-selected size has a predetermined light-induced-fluorescence signature. The deflection zone directs a pressure pulse at the suspect aerosol having the predetermined light-induced-fluorescence signature to deflect the suspect aerosol from the air stream.